## What is claimed is:

- 1. A machine dishwashing detergent comprising one or more builders, one or more surfactants, and 0.1 to 50% by weight of one or more nonionic surfactants which, at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 60  ${\rm mNm}^{-1}$  at a frequency of 1 Hz.
- 2. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than  $55~\mathrm{mNm}^{-1}$  at a frequency of 1 Hz.
- 3. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than  $50 \text{ mNm}^{-1}$  at a frequency of 1 Hz.
- 4. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 65  $\mathrm{mNm}^{-1}$ , at a frequency of 5 Hz.
- 5. The machine dishwashing detergent of claim 4, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than  $60 \text{ mNm}^{-1}$ , at a frequency of 5 Hz.
- 6. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s) are present in amounts of from 0.5 to 40% by weight.
- 7. The machine dishwashing detergent of claim 6, wherein the nonionic surfactant(s) are present in amounts of from 1 to 30% by weight.

- 8. The machine dishwashing detergent of claim 7, wherein the nonionic surfactant(s) are present in amounts of from 2.5 to 25% by weight.
- 9. The machine dishwashing detergent of claim 8, wherein the nonionic surfactant(s) are present in amounts of from 5 to 20% by weight.
- 10. The machine dishwashing detergent of claim 1, comprising one or more surfactants of the general formula I:

## $R^{1}-O-(CH_{2}-CH_{2}-O)_{w}-(CH_{2}-CH-O)_{x}-(CH_{2}-CH_{2}-O)_{y}-(CH_{2}-CH-O)_{z}-H$ (I)



in which  $R^1$  is a straight-chain or branched, saturated or mono- or polyunsaturated  $C_{6-24}$ -alkyl or -alkenyl radical; each group  $R^2$  and  $R^3$ , independently of one another, is chosen from  $-CH_3$ ,  $-CH_2CH_3$ ,  $-CH_2CH_2-CH_3$ ,  $-CH(CH_3)_2$  and the indices w, x, y, z, independently of one another, are integers from 1 to 6.

- 11. The machine dishwashing detergent of claim 10, wherein  $\mathbb{R}^1$  is an alkyl radical having 6 to 24 carbon atoms.
- 12. The machine dishwashing detergent of claim 11, wherein  $\mathbb{R}^1$  is an alkyl radical having 8 to 20 carbon atoms.
- 13. The machine dishwashing detergent of claim 12, wherein  $\mathbb{R}^1$  is an alkyl radical having 9 to 15 carbon atoms.

- 14. The machine dishwashing detergent of claim 13, wherein  $\mathbb{R}^1$  is an alkyl radical having 9 to 11 carbon atoms.
- 15. The machine dishwashing detergent of claim 10, wherein  $R^2$  and  $R^3$  are a radical  $-CH_3$ , w and x, independently of one another, are values of 3 or 4 and y and z, independently of one another, are values of 1 or 2.
- 16. The machine dishwashing detergent of claim 10, comprising the builder(s) in amounts of from 5 to 90% by weight.
- 17. The machine dishwashing detergent of claim 16, comprising the builder(s) in amounts of from 7.5 to 85% by weight.
- 18. The machine dishwashing detergent of claim 17, comprising the builder(s) in amounts of from 10 to 80% by weight.
- 19. The machine dishwashing detergent of claim 1, comprising one or more enzyme(s) in amounts of from 0.01 to 15% by weight.
- 20. The machine dishwashing detergent of claim 19, comprising one or more enzyme(s) in amounts of from 0.1 to 10% by weight.
- 21. The machine dishwashing detergent of claim 20, comprising one or more enzyme(s) in amounts of from 0.5 to 6% by weight.
- 22. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 1 to 40% by weight.

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- 23. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 2.5 to 30% by weight.
- 24. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 5 to 20% by weight.